

#### IUID Legacy Ground Equipment Program



#### Item Unique Identification



#### USMC Legacy Marking DASN ALM IUID Training I 21 April 2011

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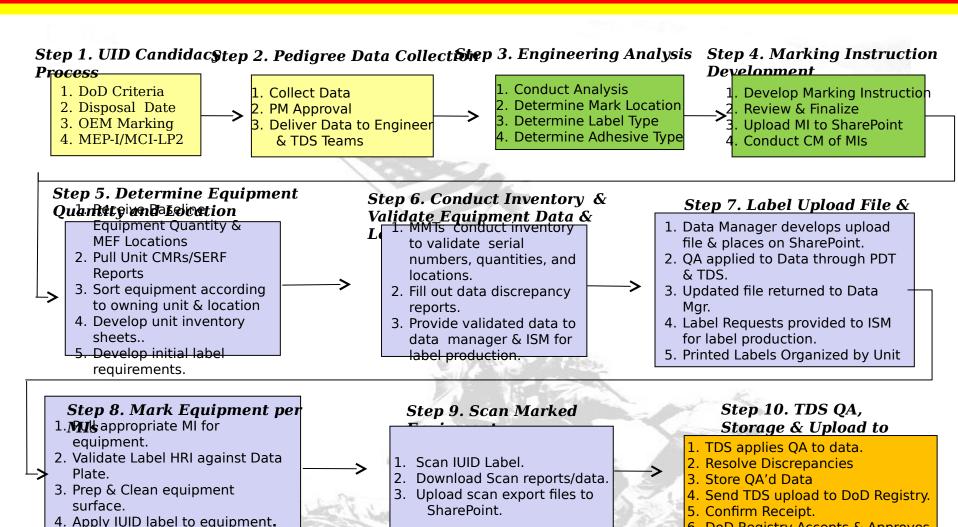


5. Take picture of data plate &

UID label.

## MCSC IUID Legacy Approach "Seek & Apply" Process





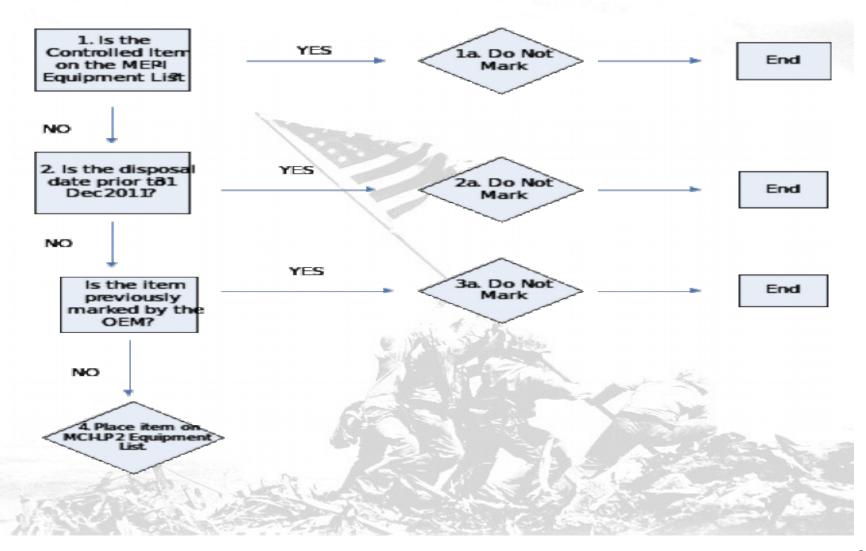
6. DoD Registry Accepts & Approves.

7. Confirm DoD Registry Approval.



# MCSC IUID Legacy Approach UID Candidacy Process Flow







# MCSC IUID Legacy Approach Pedigree Data Collection



- Pedigree Data Collection, 58 Data Elements
  - □ DoD/Registry Criteria
  - ☐ GCSS-MC Requirements
  - ☐ Financial Data

IUID	<b>Data</b>	Ele	ment	,
тпт				

UII

UID Type

Issuing Agency Code

Enterprise Identifier

Enterprise Serial

Number

Original Part Number

Mark Set

Content Type

Mark Value

Bagged or Tagged Code

Marker Code

Marker ID

Medium Type

Mark Effective Date

Unit of Measure

TAMCN
USMC Nomenclature
Model Name/Number
Manufacturer Code
Manufacturer ID
USMC Serial Number
OEM Serial Number
GD Serial Number
WAWF Serial Number
Batch/Lot Number
Current Part Number Effective Date
Current Part Number
UII Label
End of Life Date
PEI
Product Group/PM
POC
POC Phone

Additional Information

Custody DODAAC
Custody Location Name

Parent UII

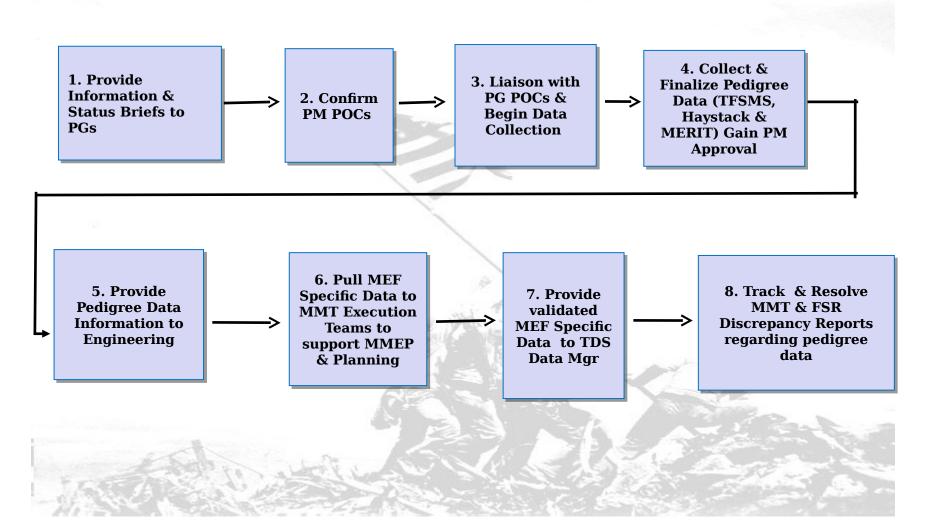
Legacy and/or IUID Data Elements

Financial Data Elements	
Contract Type	
Contract Number (PIIN)	
Prime Contractor ID CAGE	
Prime Contractor ID DUNS	
Item Description	
BAC	
BLI	
RCN	
SIC	
OCC	
SDN	
LOA	
ACRN	
SPIIN	
CLIN	
Acquisition Cost	
Acceptance Location	
Acceptance Date	No.
Foreign Currency Code	
Current Acquisition Value	



# MCSC IUID Legacy Approach Pedigree Data Collection







## MCSC IUID Legacy Approach Engineering Analysis

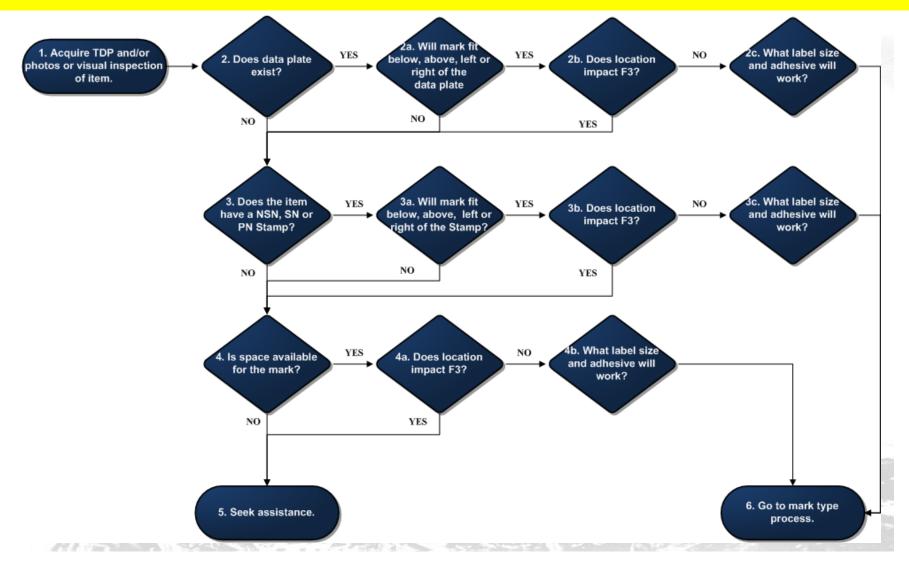


- > Identify Existing Drawings or ECPs
- Leverage Data Plate Label Right, Left, Bottom or Top
- > Conduct Engineering Analysis
  - □ Coordinate with PM Systems Engineer
    - Identify Environmental Conditions
    - Determine Location
    - Identify Surface Material
    - UII Label Size, Materiel & Adhesive
- > Validate Process, i.e., Test & Evaluation
- Develop "Draft" Marking Instruction
- > PM Approval
- Publish Validated Marking Instructions



## MCSC IUID Legacy Approach Engineering Analysis







#### MCSC IUID Legacy Approach Communications



#### > MEF In-Briefs

- □ Scope, Schedule & Draft Letter Of Instructions
- ☐ Base Newspaper Article

#### > Command In-Briefs

- ☐ Item Unique Identification (IUID) 101
- ☐ Marine Corps Order 4410.28
- ☐ Official Naval Correspondents & Messages
- ☐ Identify POCs



#### MCSC IUID Legacy Approach Coordination



- > Initial PEI Quantity & Locations
- Coordinate W/Unit Obtain Unit CMRs& SER Files
  - ☐ Unit Operational Tempo/Liberty Schedule
  - ☐ Validate TAMCNs Against "To Be Marked" Listing
  - Commodity Locations
- > Create Inventory Work Sheets



## MCSC IUID Legacy Approach Serf Report



SUC	TAMCN	NSN	SERIAL NUMBER
Y00	A9100	7010090000294	2UA52600W0
Y00	A9100	7010090000294	2UA526010P
Y01	A9100	7010090000294	2UA526010Z
Y02	A9100	7010090000294	2UA5260119
Y03	A9100	7010090004448	SMXL7450ZR7
Y04	A9100	7010090004448	SMXL7450ZR8
Y05	A9100	7010090004448	SMXL7450ZRR
Y06	A9100	7010090004448	SMXL7450ZRT
Y07	A9100	7010090004448	SMXL7450ZSH
Y08	A9100	7010090004448	SMXL7450ZST
Y09	A9100	7010090004448	SMXL7450ZTG
Y10	A9100	7010090004448	SMXL7450ZVB
Y11	A9100	7010090004448	SMXL7450ZVL
Y12	C4433	8115014747089	110445-1
Y13	C4433	8115014747089	114289-4
Y14	H0001	5805090002120	300001001452530
Y15	H0001	5805090002120	300003000600100
Y16	HL011	594001S00M779	320CEE1904
Y17	HL011	594001S00M779	320CEE1916
Y18	HL011	594001S00M779	320CEE1920
Y19	HL011	594001S00M779	320CFE1922
Y20	HL011	594001S00M779	320CEE1924
Y21	HL011	594001S00M779	320CEE1934
Y22	HL011	594001S00M779	320CEE1949



## MCSC IUID Legacy Approach " To Be Marked "



CMR	TAM#	NOMENCLATURE	NSN	SER#	MANUFACTURE ID/ CAGE CODE	CONTRACT NUMBER	MANUFACTURE SER #
Y54	A0019	RADIO SET	5820013788778	1			
Y54	A0019	RADIO SET	5820013788778	3			
Y56	A0019	RADIO SET	5820013788778	6			
Y56	A0019	RADIO SET	5820013788778	9			
Y56	A0019	RADIO SET	5820013788778	10	-		
Y56	A0019	RADIO SET	5820013788778	14	-		
Y56	A0090	RECEIVE SUITE	5820015306497	111			
Y56	A0090	RECEIVE SUITE	5820015306497	121			
Y56	A0652	CONVERTER FIBER OPT, GSC-54	6020012372218	A00028			
Y56	A0652	CONVERTER FIBER OPT, GSC-55	6020012372218	A00054	100 May 1		
Y56	A0652	CONVERTER FIBER OPT, GSC-56	6020012372218	A00112	1000	120	
Y56	A0652	CONVERTER FIBER OPT, GSC-57	6020012372218	A00423	THE PARTY OF	at the	
Y56	A0652	CONVERTER FIBER OPT, GSC-58	6020012372218	A00468		34	
Y56	A0652	CONVERTER FIBER OPT, GSC-59	6020012372218	A00591			a des
Y56	A0652	CONVERTER FIBER OPT, GSC-60	6020012372218	A00621			
Y56	A0652	CONVERTER FIBER OPT, GSC-61	6020012372218	A00673			

TO MARK" LIST SCRUBBED ONLY TO INCLUDE PREDESIGNATED NATIONAL STOCK NUM



## MCSC IUID Legacy Approach Inventory & Validate



- > MMTs Inventory & Validate
- > Create/Populate Data Discrepancy Reports
- Quality Control Checks Data
- > Data Manager Creates Label Production Request
- > ISM Print Labels



### MCSC IUID Legacy Approach



Post Inventory Worksheet

CMR	TAM#	"TO MARK"	NSN	SER#	CAGECODE	CONTRACT NUMBER	MANUFACTURE SER#
Y54	A0019	RADIO S Asset	<del>5</del> 87	1	3CLD8		NOT AVAILABLE
Y54	A0019	RADIO SET	5820013788778	3	3GD8		NOT AVAILABLE
Y56	A0019	RADIO SET	5820013788778	6	OEM  Marked		NOT AVAILABLE
Y56	A0019	RADIO SET	5820013788778	9	3GD8 Asset		NOT AVAILABLE
Y56	A0019	RADIO SET	5820013788778	10	328		NOT AVAI LABLE
Y56	A0019	RADIO SET	5820013788778	14	3CLD8		NOT AVAI LABLE
Y56	A0090	RECEIVE SUITE	5820015306497	111	Serial Number		NOT AVAI LABLE
Y56	A0090	RECEIVE SUITE	5820015306497	121	Discrepa		NOT AVAI LABLE
					ncy		
Y56	A0652	CONVERTER FIBER OPT, GSC-54	6020012372218	A00028		N00039-90-C-065	NOT AVAI LABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-55	6020012372218	A00054		N00039-90-C-065	NOT AVAI LABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-56	6020012372218	A00112		N00039-90-C-065	NOT AVAI LABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-57	6020012372218	A00423 A00426	10 - C	N00039-90-C-065	NOT AVAI LABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-58	6020012372218	A00468	- 5.5	N00039-90-C-065	NOT AVAI LABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-59	6020012372218	A00591		N00039-90-C-065	NOT AVAILABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-60	6020012372218	A00621	17716	N00039-90-C-065	NOT AVAILABLE
Y56	A0652	CONVERTER FIBER OPT, GSC-61	6020012372218	A00673		N00039-90-C-065	NOT AVAILABLE



## MCSC IUID Legacy Approach Label Production Request



ORIGINAL PART NI	JMBEI ENTER	ENTERPRISE	SE BA	ITEM DESCRIPTION	UNI	TAMCN	NSN	CUSTODIA	LOCATION OF ITEN	CONTENT	HUMAN READABLE
3515N	3CLD8	300101733	N	TEST SET, RADIO	EΑ	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
3515N	3CLD8	300101832	N	TEST SET, RADIO	EΑ	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
3515N	3CLD8	300101860	N	TEST SET,RADIO	EΑ	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
3515N	3CLD8	300101884	N	TEST SET, RADIO	EΑ	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
3515N	3CLD8	300102218	N	TEST SET, RADIO	EΑ	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
3515N	3CLD8	300102230	N	TEST SET, RADIO	EA	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
3515N	3CLD8	300102247	N	TEST SET, RADIO	EΑ	A7080	6625015380285	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
9001-7802-000	3CLD8	0367	N	TEST SET, RADIO	EA	A7082	6625013092825	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
9001-7802-000	3CLD8	0443	N	TEST SET, RADIO	EΑ	A7082	6625013092825	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
9001-7802-000	3CLD8	1440	N	TEST SET, RADIO	EΑ	A7082	6625013092825	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
9001-7802-000	3CLD8	1469	N	TEST SET, RADIO	EΑ	A7082	6625013092825	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
9001-7802-000	3CLD8	2511	N	TEST SET, RADIO	EΑ	A7082	6625013092825	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
9001-7802-000	3CLD8	2733	N	TEST SET, RADIO	EΑ	A7082	6625013092825	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TK-1141	3CLD8	0136	N	TOOLKIT,LINEMAN'S	EΑ	B0062	5180015500145	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
90002A0001	3CLD8	197181	N	MODULE, WATER PUMP	EΑ	B1581	4320013181853	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TRH-0100	3CLD8	28301001	N	RATION HEATING SET	EΑ	C6621	7310012957479	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TRH-0100	3CLD8	28301002	N	RATION HEATING SET	EΑ	C6621	7310012957479	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TRH-0100	3CLD8	28301003	N	RATION HEATING SET	ΕA	C6621	7310012957479	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TRH-0100	3CLD8	28301004	N	RATION HEATING SET	EΑ	C6621	7310012957479	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TRH-0100	3CLD8	28301005	N	RATION HEATING SET	EΑ	C6621	7310012957479	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE
TRH-0100	3CLD8	28301006	N	RATION HEATING SET	EΑ	C6621	7310012957479	M28301	CAMP PENDLETON	NATIONAL	HUMAN READABLE



#### MCSC IUID Legacy Approach Label Production

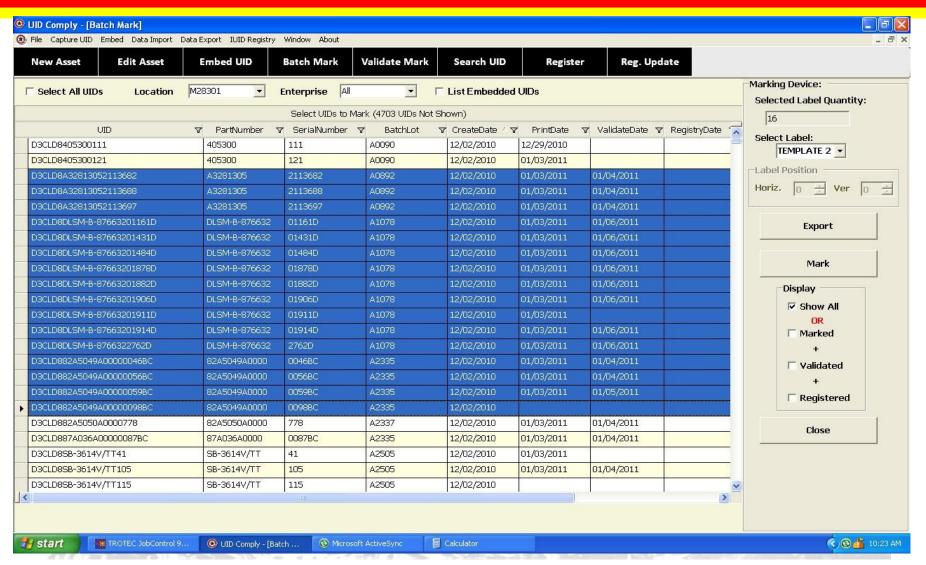


- > Data Manager Uploads File Label Production
  - ☐ Labels Cleaned & Loaded In Jig
  - ☐ Jig Placed in MMC, Settings & Adjustments Entered
  - Labels Produced
  - ☐ Labels Verified
  - ☐ Final Quality Control/Assurance
  - ☐ Labels Organized Unit (Binders)



#### MCSC IUID Legacy Approach Label Production



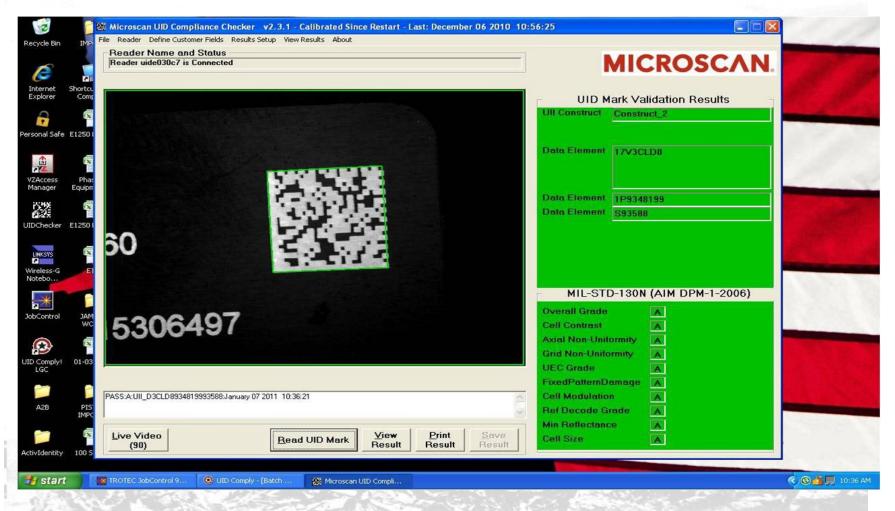




## MCSC IUID Legacy Approach



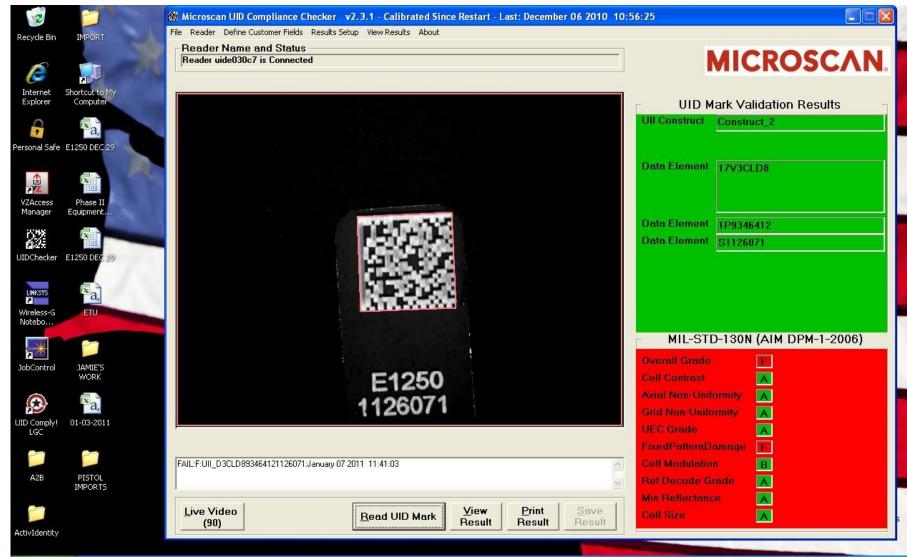
#### Label Verification (Good)





#### MCSC IUID Legacy Approach Label Verification (Bad)

















## MCSC IUID Legacy Approach Marking



- Validate Label Against Equipment's Data Plate
- Prepare/Clean Equipment's Surface
- > Apply label IAW Marking Instruction
- > Scan IUID Label
- > Photograph Data Plate & Applied Label
- > Download Scanned Data & Photo
- Upload Files to Sharepoint



## MCSC IUID Legacy Approach



#### Marking



PICTURE TAKEN AFTER ASSET WAS MARKED



# MCSC IUID Legacy Approach Data Synchronization







# MCSC IUID Legacy Approach Data Export To TDS



Description	Penc UID	UIDType	BatchLot	EnterpriseID	PartNumber	SerialNumber	Location	Category	CreateDate	PrintDate	ValidateDate
BOX,SHIPPING	D3CLD8102440PRC019972	UID2	C4431	3CLD8	102440	PRC019972	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:48
BOX,SHIPPING	D3CLD8102440PRC020053	UID2	C4431	3CLD8	102440	PRC020053	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:06
BOX,SHIPPING	D3CLD8102440PRC020077	UID2	C4431	3CLD8	102440	PRC020077	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:49
BOX,SHIPPING	D3CLD8102440PRC020084	UID2	C4431	3CLD8	102440	PRC020084	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:00
BOX,SHIPPING	D3CLD8102440PRC020104	UID2	C4431	3CLD8	102440	PRC020104	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:53
BOX,SHIPPING	D3CLD8102440PRC020188	UID2	C4431	3CLD8	102440	PRC020188	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:28
BOX,SHIPPING	D3CLD8102440PRC020237	UID2	C4431	3CLD8	102440	PRC020237	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:14
BOX,SHIPPING	D3CLD8102440PRC020283	UID2	C4431	3CLD8	102440	PRC020283	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:59
BOX,SHIPPING	D3CLD8102440PRC020372	UID2	C4431	3CLD8	102440	PRC020372	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:05
BOX,SHIPPING	D3CLD8102440PRC020393	UID2	C4431	3CLD8	102440	PRC020393	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:08
BOX,SHIPPING	D3CLD8102440PRC020510	UID2	C4431	3CLD8	102440	PRC020510	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:50
BOX,SHIPPING	D3CLD8102440PRC020598	UID2	C4431	3CLD8	102440	PRC020598	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:14
BOX,SHIPPING	D3CLD8102440PRC020658	UID2	C4431	3CLD8	102440	PRC020658	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:00
BOX,SHIPPING	D3CLD8102440PRC020696	UID2	C4431	3CLD8	102440	PRC020696	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:06
BOX,SHIPPING	D3CLD8102440PRC020710	UID2	C4431	3CLD8	102440	PRC020710	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:13
BOX,SHIPPING	D3CLD8102440PRC020722	UID2	C4431	3CLD8	102440	PRC020722	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 10:59
BOX,SHIPPING	D3CLD8102440PRC020793	UID2	C4431	3CLD8	102440	PRC020793	M28301	Active	1/3/2011 11:07	1/3/2011 11:09	1/6/2011 11:17
BOX,SHIPPING	D3CLD8102440PRC041205	UID2	C4431	3CLD8	102440	PRC041205	M28301	Active	1/3/2011 11:07	1/3/2011 11:13	1/6/2011 9:48
BOX,SHIPPING	D3CLD8102440PRC041206	UID2	C4431	3CLD8	102440	PRC041206	M28301	Active	1/3/2011 11:07	1/3/2011 11:13	1/6/2011 9:48
BOX,SHIPPING	D3CLD8102440PRC041275	UID2	C4431	3CLD8	102440	PRC041275	M28301	Active	1/3/2011 11:07	1/3/2011 11:13	1/6/2011 9:59
BOX,SHIPPING	D3CLD8102440PRC041276	UID2	C4431	3CLD8	102440	PRC041276	M28301	Active	1/3/2011 11:07	1/3/2011 11:13	1/6/2011 10:02
BOX,SHIPPING	D3CLD8102440PRC041285	UID2	C4431	3CLD8	102440	PRC041285	M28301	Active	1/3/2011 11:07	1/3/2011 11:13	1/6/2011 10:07